

Angelique Jarry

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,201
citations

933447

10
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

2047
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly durable, coking and sulfur tolerant, fuel-flexible protonic ceramic fuel cells. <i>Nature</i> , 2018, 557, 217-222.	27.8	500
2	Interrelationships among Grain Size, Surface Composition, Air Stability, and Interfacial Resistance of Al-Substituted $\text{Li}_{7-x}\text{La}_3\text{Zr}_2\text{O}_{12}$ Solid Electrolytes. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 17649-17655.	8.0	220
3	The Formation Mechanism of Fluorescent Metal Complexes at the $\text{Li}_x\text{Ni}_{0.5}\text{Mn}_{1.5}\text{O}_4$ /Carbonate Ester Electrolyte Interface. <i>Journal of the American Chemical Society</i> , 2015, 137, 3533-3539.	13.7	182
4	Structure, Chemistry, and Charge Transfer Resistance of the Interface between $\text{Li}_7\text{La}_3\text{Zr}_2\text{O}_{12}$ Electrolyte and LiCoO_2 Cathode. <i>Chemistry of Materials</i> , 2018, 30, 6259-6276.	6.7	125
5	Enabling high performance all-solid-state lithium metal batteries using solid polymer electrolytes plasticized with ionic liquid. <i>Electrochimica Acta</i> , 2020, 345, 136156.	5.2	42
6	Elucidating Structural Transformations in $\text{Li}_x\text{V}_2\text{O}_5$ Electrochromic Thin Films by Multimodal Spectroscopies. <i>Chemistry of Materials</i> , 2020, 32, 7226-7236.	6.7	21
7	Assessing Substitution Effects on Surface Chemistry by in Situ Ambient Pressure X-ray Photoelectron Spectroscopy on Perovskite Thin Films, $\text{BaCe}_{1-x}\text{Zr}_x\text{O}_{2.95}$ ($x = 0$); <i>Tj ETQq1 1 0.784314 rg</i>	8.0	19
8	Rare earth effect on conductivity and stability properties of doped barium indates as potential proton-conducting fuel cell electrolytes. <i>Solid State Ionics</i> , 2012, 216, 11-14.	2.7	17
9	Atomic Layer Deposition of Sodium Phosphorus Oxynitride: A Conformal Solid-State Sodium-Ion Conductor. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 21641-21650.	8.0	17
10	Direct observation of enhanced water and carbon dioxide reactivity on multivalent metal oxides and their composites. <i>Energy and Environmental Science</i> , 2017, 10, 919-923.	30.8	16
11	Nanoscale depth and lithiation dependence of V_2O_5 band structure by cathodoluminescence spectroscopy. <i>Journal of Materials Chemistry A</i> , 2020, 8, 11800-11810.	10.3	10
12	Nanoscale Li, Na, and K ion-conducting polyphosphazenes by atomic layer deposition. <i>Dalton Transactions</i> , 2022, 51, 2068-2082.	3.3	8
13	Tailoring conductivity properties of chemically stable $\text{BaIn}_{1-x}\text{Ti}_x\text{Zr}_y\text{O}_{2.5+(x+y)/2}\text{(OH)}_2\text{n}$ electrolytes for proton conducting fuel cells. <i>Solid State Ionics</i> , 2014, 256, 76-82.	2.7	7
14	The effect of grain size on the hydration of $\text{BaZr}_{0.9}\text{Y}_{0.1}\text{O}_{3-\delta}$ proton conductor studied by ambient pressure X-ray photoelectron spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 136-143.	2.8	7
15	Water Domain Enabled Transport in Polymer Electrolytes for Lithium-Ion Batteries. <i>Macromolecules</i> , 2021, 54, 2882-2891.	4.8	6
16	Location of deuterium sites at operating temperature from neutron diffraction of $\text{BaIn}_{0.6}\text{Ti}_{0.2}\text{Yb}_{0.2}\text{O}_{2.6}\text{(OH)}_{2\text{n}}$, an electrolyte for proton-solid oxide fuel cells. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 15751-15759.	2.8	4